# IP Link® Device Interface Communication Sheet



This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

## *Device Specifications:*

Device Type: Video Projector
Manufacturer: Proxima
Firmware Version: N/A
Model(s): DP9210

## *Version History:*

| Driver Version | Date | IP Link Compiler | IP Link Firmware | GVC Version | Notes |
|---|---|---|---|---|---|
| 1 | 7/14/05 | 1.0.9.3 | 1.08 | 1.6 | Released version. Tested on DP9210 |

## *Driver Notes:*

### *Control Commands & States:*

| | | | |
|---|---|---|---|
| **Audio Mute** | On | Off | |
| **Freeze** | On | Off | |
| **Input** | Computer 1<br>AV2 | Computer 2 | AV1 |
| **Power** | On | Off | |
| **Video Mute** | On | Off | |
| **Volume** | Up | Down | |

### *Status Available:*

| | | |
|---|---|---|
| **Power** | On | |
| **Power Status** | On | Status Unavailable |

### *Cable and Adapter Requirements:*

Use the manufacturer's serial cable provided with the projector, a M/F RS-232 straight serial cable (Extron Electronics P/N: 26-433-03), and a female-to-female gender changer (Extron Electronics P/N: 10-438-10).

As an alternative, you can create a cable using the pin assignment diagram below with a male-to-bare wire RS-232 cable (Extron Electronics P/N: 26-437-03) and a female-to-female gender changer (Extron Electronics P/N: 10-438-10) and solder the bare wire to an 8 pin mini din connector.

### *Notes for the Device:*

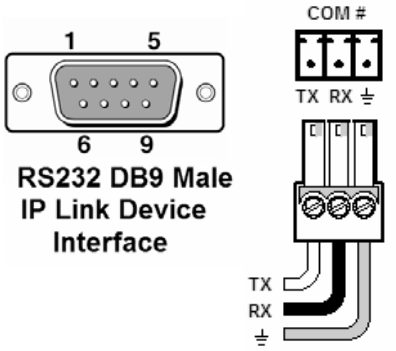
The RXD signal on the serial port (pin 1) is provided on the PC control port 2 connector only, therefore the IP Link device must be connected to the PC control port 2 on the projector.

### *Serial communication:*

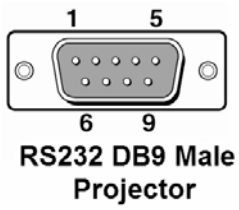
| | | | |
|---|---|---|---|
| **Port Type:** | RS232 | **Parity:** | None |
| **Baud Rate:** | 19200 | **Stop Bits:** | 1 |
| **Data Bits:** | 8 | **Flow Control:** | None |

### *Pin Assignments Diagram:*

With provided projector cable:

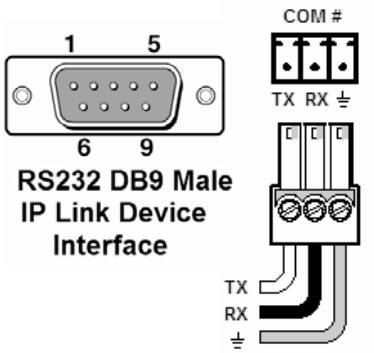



| Signal | Pin | Main Cable | Pin | Signal |
|---|---|---|---|---|
| RX | 2 | ← | 2 | TD |
| TX | 3 | → | 3 | RD |
| GND | 5 | — | 5 | GND |

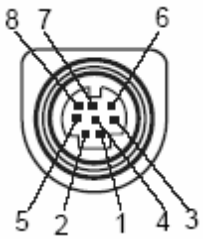



To create your own cable:

**PC Control 2**




| Signal | Pin | Main Cable | Pin | Signal |
|---|---|---|---|---|
| RX | 2 | ↙↗ | 1 | RXD |
| TX | 3 | ↘↖ | 6 | TXD |
| GND | 5 | — | 4 | GND |




Note: Captive screw connector may also be used as a serial connection.

### *General Notes:*